

REMARKS

Claims 1-10 are pending in the this patent application and are resubmitted for reconsideration. Claims 11-15 have been added.

Claims 1-10 are rejected under 35 U.S.C. § 103 as being unpatentable over U.S. Patent No. 5,859,623 to Meyn et al. The rejection is respectfully traversed for the reason that the system and features of the present invention are not disclosed by Meyn et al.

As recited in claim 1, the claimed invention is directed to a projector which is capable of saving and displaying a user-defined logo. Moreover, the user-defined logo can be changed by users if the user updates the logo stored in the memory device. Specifically, video images are sent from the image source device in a FIFO order. Once the user-defined logo is determined, the logo will be transmitted from the display buffer 43 to the non-volatile memory 50 and therefore saved by the buffer means of claim 1. At the displaying steps, the image data of logo is loaded to SDRAM 46. Further the image data of the logo in the SDRAM 46 is transmitted to the FIFO buffer 45. The FIFO buffer 45 (or as frame buffer means recited in claim 1) is utilized to speed up the display for the logo. The configuration and related parameters of the user-defined logo is sent to the CPU 41 for display of the color of background or others. The mapping device 44 (image mapping means of claim 2) is implemented to associate the non-volatile memory 50. The signal of the image data of the selected logo is therefore output to a LCD panel display located in the projector for projecting the user-defined logo onto a display screen (see Figures 3 and 4, pages 5-7).

U.S. Patent 5,859,623 to Meyn et al. is directed to a display system for presenting several PDF files and/or other analog image signal sources. Meyn et al. teach the arrangement of the presentation projection by loading PDF files through disk drives (hard disc driver 49 and floppy driver 48) to an input/output unit 52 (NSI PC87332VLJ). The disc drives convey presentation PDF files from the personal computer to the projection system. The graphics controller 58 therefore outputs the display graphics to the control subsystem 35 of the projector 14 and the analog graphics to the input system 29 of the projector 12. All the respective graphics are processed on a frame-by-frame basis in the graphics DRAM frame buffer 61 of the system 10, the frame buffer 34 of the projector 14 and the frame buffer 25 of the projector 12 (see column 3, lines 41-54, column 5, lines 31-44 and lines 57-65).

In the present invention, the CPU 41 directs the MUX 42 to select the image output from the image mapping device 44 at the initial power-on state. Further, the CPU 41 directs the MUX 42 to enable the image data output directly from the display buffer. The image mapping device 44 (image mapping means of claim 2) of the present invention does not perform the function of the addressing buffer 69 of Meyn et al. (see page 6, lines 1-12 in the specification). Meyn et al. does not teach or disclose such function.

Further, the image source device of the present invention is not a disc drive or a personal computer as shown in Meyn et al. New independent claim 11 has been added in which the image source device is an element of claim 11. The image source device 10 of the present invention is directed to a device capable to receive analog logo signals from the personal computer 16 and then convert to digital logo signals as the image data in associated with RGB colors (see page 4 and Figure 3).

Applicants traverse that the frame buffer or the FIFO buffer 45 of the present invention is related to the cable 51 of Meyn et al. Applicants believe the rejection is based upon the legend 61 of Meyn et al. The reason the frame buffer 45 of the present invention does not function as the frame buffer 61 of Meyn et al. is stated.

In view of the above, Meyn et al., does not disclose the elements of A...an image source device...a frame buffer...and means for selecting said video signals output of...recited in the claim 1 of the claimed invention. Therefore, for at least these reasons, claim 1 is patentable over Meyn et al. and the rejection should be withdrawn.

Claims 2-5, dependent on claim 1, are therefore patentable, as well as on their own merits.

For the reasons stated above, Meyn et al. does not teach or disclose the method of A...transmitting a user-defined logo image...saving said user-defined logo image...copying said user-defined logo image...and selecting the output of said frame buffer to...in response to a display configuration..., more as admitted by Examiner on page 2 that Meyn et al. differs from claims 1 and 6 in that Meyn et al. does not specifically teach image of the video signal as a user-defined logo, claim 6 shall be patentable over Meyn et al. Claims 7-10 are dependent from

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claim 6 and are patentable for the reasons discussed with respect to claim 6 as well as on their own merits.

For the reasons stated above, Applicants respectfully submit that independent claims 1 and 6 along with the dependent claims are distinguishable over the applied art, and are not disclosed or taught or suggested by the applied art. Accordingly, withdrawal of the rejections of the pending claims is respectfully requested. Favorable consideration and prompt allowance are earnestly solicited and appreciated.

Should the Examiner believe anything further is desirable in order to place this application in better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number listed below.

To the extent necessary, a petition for an extension of time under 37 CFR 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 07-1337 and please credit any excess fees to such deposit account.

Respectfully submitted,

LOWE HAUPTMAN GILMAN & BERNER

A handwritten signature in black ink that reads "Kenneth M. Berner". The signature is written in a cursive, flowing style.

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